BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer

Byatarayanapura Division

Bruhat Bengaluru Mahanagara Palike

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of Work: Construction of Additional floor to Dr. B. R. Ambedkar Samudaya Bhavana at Jakkuru layout 6th cross in ward No. 08 Amruthahalli.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	27.88	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge.(PWD SR 2023-24 Vol -II Pg 187 item no 19.2.1)	Cum	1829.30	Rupees One Thousand Eight Hundred Twenty Nine and Thirty Paise Only
2	36.37	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge.(PWD SR 2023-24 Vol -II Pg 187 item no 19.7.1)	Cum	530.20	Rupees Five Hundred Thirty and Twenty Paise Only
3	59.20	Dismantling tile work in floors and roofs laid in cement mortar including stacking material to the appropriate disposal area as per direction of Engineer-in-charge.For thickness of tiles 10 mm to 25 mm(PWD SR 2023-24 Vol -II Pg 189 item no 19.22.1)	Sqm	52.80	Rupees Fifty Two and Eighty Paise Only
4	133.20	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m (PWD SR 2023-24 Vol -I Pg No 5 item no 1.4.2)	Cum	284.90	Rupees Two Hundred Eighty Four and Ninety Paise Only
5	30.83	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other ppurtenances required to complete the work as per technical specifications.Mix 1:3:6 Using 40 mm nominal size graded crushed coarse aggregates(PWD SR 2023-24 Vol -I Pg 15 item no 2.1.3)	Cum	6587.90	Rupees Six Thousand Five Hundred Eighty Seven and Ninety Paise Only
6	71.02	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)(PWD SR 2023-24 Vol -II Pg 9 item no 5.4)	Sqm	7027.90	Rupees Seven Thousand Twenty Seven and Ninety Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
7	91.75	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (PWD SR 2023-24 Vol -I Pg 16 item no 2.4.3)	Cum	9060.48	Rupees Nine Thousand Sixty and Forty Eight Paise Only
8	15.86	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. All other type of structures (PWD SR 2023-24 Vol -I Pg 18 item no 2.11 (a))	Tonne	98402.70	Rupees Ninety Eight Thousand Four Hundred Two and Seventy Paise Only
9	308.47	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.(PWD SR 2023-24 Vol -II Pg 17 item no 6.32)	Sqm	1441.00	Rupees One Thousand Four Hundred Forty One Only
10	38.16	Providing Flush/ Ruled pointing: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge (PWD SR 2023-24 Vol -II Pg 44 item no 8.19.1)	Sqm	280.50	Rupees Two Hundred Eighty and Fifty Paise Only
11	2.16	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.Mix 1:3:6 Using 20 mm nominal size graded crushed coarse aggregates(PWD SR 2023-24 Vol -I Pg 15 item no 2.1.4)	Cum	6838.70	Rupees Six Thousand Eight Hundred Thirty Eight and Seventy Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
12	355.87	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge..(PWD SR 2023-24 Vol -II Pg 41 item no 8.1.1)	Sqm	280.50	Rupees Two Hundred Eighty and Fifty Paise Only
13	212.56	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-Charge(PWD SR 2023-24 Vol -II Pg 41 item no 8.3.1)	Sqm	389.40	Rupees Three Hundred Eighty Nine and Forty Paise Only
14	397.81	Providing 20 mm cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement to brick/ stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(PWD SR 2023-24 Vol -II Pg 42 item no 8.6.2)	Sqm	471.90	Rupees Four Hundred Seventy One and Ninety Paise Only
15	943.04	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.(PWD SR 2023-24 Vol -II Pg 50 item no 8.51)	Sqm	110.00	Rupees One Hundred Ten Only
16	397.81	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67L/10 m^2 over and including priming coat of exterior primer applied @ 2.20 kg/10 m^2) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(PWD SR 2023-24 Vol -II Pg 46 item no 8.30)	Sqm	191.40	Rupees One Hundred Ninety One and Forty Paise Only
17	545.23	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 L/10 m^2 over and including one coat of Special primer applied @ 0.75 L/10 m^2 with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (The gloss should be 50% @ 60 degree angle with 10 years life) (PWD SR 2023-24 Vol -II Pg 46 item no 8.33.1)	Sqm	173.80	Rupees One Hundred Seventy Three and Eighty Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
18	136.36	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.(PWD SR 2023-24 Vol -II Pg 63 item no 9.24)	Sqm	3137.20	Rupees Three Thousand One Hundred Thirty Seven and Twenty Paise Only
19	13.95	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. (PWD SR 2023-24 Vol -II Pg 65 item no 9.39)	Sqm	1593.90	Rupees One Thousand Five Hundred Ninety Three and Ninety Paise Only
20	3.60	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/m2 including pointing the joints with white cement and matching pigment etc., complete.(PWD SR 2023-24 Vol -II Pg 60 item no 9.9)	Sqm	1183.60	Rupees One Thousand One Hundred Eighty Three and Sixty Paise Only
21	1.09	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(PWD SR 2023-24 Vol -II Pg 99 item no 12.11)	Sqm	151881.40	Rupees One Hundred Fifty One Thousand Eight Hundred Eighty One and Forty Paise Only
22	5.67	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)(PWD SR 2023-24 Vol -II Pg 100 item no 12.15)	Cum	8188.40	Rupees Eight Thousand One Hundred Eighty Eight and Forty Paise Only
23	5.67	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(PWD SR 2023-24 Vol -II Pg 48 item no 8.41)	Sqm	183.70	Rupees One Hundred Eighty Three and Seventy Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
24	9.90	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. (PWD SR 2023-24 Vol -II Pg104 item no 12.54)	Mtr	349.80	Rupees Three Hundred Forty Nine and Eighty Paise Only
25	3.15	Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for stiles and 15x15mm for top & bottom rails, covered with heat moulded PVC C channel of 5mm thick sheet & 30 x 50mm wide to form stiles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the stiles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 mm Aluminium hinges. (PWD SR 2023-24 Vol -II Pg104 item no 12.53)	Sqm	1746.80	Rupees One Thousand Seven Hundred Forty Six and Eighty Paise Only
26	21.87	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made))(PWD SR 2023-24 Vol -II Pg 110 item no 12.90)	Sqm	7407.40	Rupees Seven Thousand Four Hundred Seven and Forty Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
27	108.50	Polyurethane based Single Component for New Surface Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6 kg/m2 to achieve final DFT (Dry Film Thickness) of 1mm including prime coat of epoxy primer @150 g/m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification. (PWD SR 2023-24 Vol -II Pg 149 item no 15.1)	Sqm	898.70	Rupees Eight Hundred Ninety Eight and Seventy Paise Only
28	459.27	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.(PWD SR 2023-24 Vol -II Pg 86 item no 11.34B)	Kg	201.30	Rupees Two Hundred One and Thirty Paise Only
29	220.20	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.(PWD SR 2023-24 Vol -II Pg 85 item no 11.28)	Kg	621.50	Rupees Six Hundred Twenty One and Fifty Paise Only
30	108.50	Providing and laying 60mm thick factory made precast M -30 grade Cement Concrete Paver Block as per IRC SP 63:2018 & IS 15658 for Cycle Tracks & Pedestrian Footpaths of approved shape and colour, laid in required pattern and including over 30mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-incharge. (WMM/WBM Base to be paid separately if necessary as per relevant technical specification)(PWD SR 2023-24 Vol -III Pg 51 item no 6.8.1)	Sqm	1174.80	Rupees One Thousand One Hundred Seventy Four and Eighty Paise Only

Sl. No	Quantity.	Description	Unit	Rates	
				In Figures	In Words
31	168.75	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in Charge(PWD SR 2023-24 Vol -II Pg 84 item no 11.25.2)	Kg	149.60	Rupees One Hundred Forty Nine and Sixty Paise Only
32	2.00	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 600X850 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 fine sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc.(PWD SR 2023-24 Vol-II Page No., Item No. 13.55)	No	8141.10	Rupees Eight Thousand One Hundred Forty One and Ten Paise Only
33	60.00	Supplying heavy gauge PVC conduit pipe ..... mm dia.....mm thick confirming to IS 2509 with suitable size bends, metal/PVC Junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25mm dia 2mm thick (PWD Electrical SR 2023-24 Item No: 1.2.2 P.No.1)	mtr	78.00	Rupees Seventy Eight Only
34	60.00	Supplying heavy gauge PVC Conduit Pipe .... dia ..... mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 25 mm dia 2 mm thick (PWD Electrical SR 2023-24 Item No: 1.3.2 P.No.1)	mtr	79.00	Rupees Seventy Nine Only
35	15.00	Supplying and fixing PVC/metal conduit Deep junction box 25 mm deep Junction box (PWD Electrical SR 2023-24 Item No: 1.5.2 P.No.1)	Each	56.00	Rupees Fifty Six Only
36	10.00	Supplying And Fixing Metal Fan Box with Round Hook. (PWD Electrical SR 2023-24 Item No: 1.13 P.No.3)	No	117.00	Rupees One Hundred Seventeen Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
37	6.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Medium point above 3m upto 6m from tapping point to out letvia switch (PWD Electrical SR 2023-24 Item No: 2.1.2 P.No.4)	Point	379.00	Rupees Three Hundred Seventy Nine Only
38	35.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6A flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outletLong point above 6m upto 10m from tapping point to out let via switch (PWD Electrical SR 2023-24 Item No: 2.2.3 P.No.4)	Point	555.00	Rupees Five Hundred Fifty Five Only
39	90.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS- 694:2010 1 sqmm (PWD Electrical SR 2023-24 Item No: 2.3.1 P.No.4)	mtr	19.00	Rupees Nineteen Only
40	180.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. - 2.5 sqmm. (PWD Electrical SR 2023-24 Item No: 2.3.3 P.No.4)	mtr	42.00	Rupees Forty Two Only
41	12.00	Supplying 6A flush type socket and 6 A flush type SP switch either surface/flush mounting in existing gang box or in 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required as per IS 1293 and IS 3654 - 6Amps 3/5 Way (PWD Electrical SR 2023-24 Item No: 3.1.2 P.No.7)	Each	147.00	Rupees One Hundred Forty Seven Only
42	8.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall - 8Way (PWD Electrical SR 2023-24 Item No: 3.4.5 P.No.7)	Each	261.00	Rupees Two Hundred Sixty One Only
43	5.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall - 10-12 Way (PWD Electrical SR 2023-24 Item No: 3.4.6 P.No.7)	Each	319.00	Rupees Three Hundred Nineteen Only
44	5000.00	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc, and fixing on existing wooden or metal box using N.F. screws. (PWD Electrical SR 2023-24 Item No: 3.8 P.No.8)	Sq cm	0.41	and Forty One Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
45	10.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.. -Stepped Fan Regulator Two Module (PWD Electrical SR 2023-24 Item No: 3.6.4 P.No.8)	Each	357.00	Rupees Three Hundred Fifty Seven Only
46	40.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.. -6A One Way Switch (PWD Electrical SR 2023-24 Item No: 3.6.1 P.No.8)	Each	102.00	Rupees One Hundred Two Only
47	30.00	Supply of round/square recess/surface mounted rolling type LED Down light with ..... W GU 10 LED Lamp Rib Fabricated from diecast aluminium with white powder coated prewired to mains connector & has swivelling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @50/60Hz & Power factor >0.9 along with CE approved. 2years Warranty against any manufacturing defect working under standard electrical condition LED (PWD Electrical SR 2023-24 Item No: 11.5.3 P.No.43)	Each	1324.00	Rupees One Thousand Three Hundred Twenty Four Only
48	10.00	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS: 1709/1984 with latest amendment, Rated voltage 220 V/50 Hz, Rated power input 48 W +/- 10 %, Rated current As per IS:374/79, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value 4.2 CMM / W, Three Blades of blade leaf 1.05 mm thick Aluminium Alloy sheet, Class B motor insulation, Bearing Two ball bearings, Top 6202, Bottom 6201, as per IS specification, Motor winding. Temp rise Shall not exceed 75 deg C over and ambient of 40 0C by resistance method at 245 V, Insulation resistance Shall not be less than Two Mega Ohms (2M Ohms), Leakage current Should not exceed 210 Micro Amp, Power input, W& current, Air Delivery & Fan Speed as per IS:374/1979 with latest amendment, 2 year manufacturer Warranty..48" Sweep 5 Star (1200 mm) (PWD Electrical SR 2023-24 Item No:6.4.1 P.No.29)	Each	4303.00	Rupees Four Thousand Three Hundred Three Only
49	1.00	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32 A SP (PWD Electrical SR 2022-23 Item No: 5.18.1 P.No.16)	Each	415.00	Rupees Four Hundred Fifteen Only
50	1.00	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 A three phase 4 wire whole current class-1 Accuracy Energy Meter.(PWD Electrical SR 2022-23 Item No: 5.35 P.No.18)	Each	5705.00	Rupees Five Thousand Seven Hundred Five Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
51	30.00	Supplying of 1.1KV LT UG cable XPLE or heat resistant PVC Insulated PVC eatruded inner sheath armoured UG LT cable as per IS -1554(Part-1) or IS-7098 Part-1,Armouring strip thickness in average +5% and resistivity 14ohms/kms(max) as per IS -3975 4 core 16sqmm (Ele SR 2019-20 P-No 40 I/No-6.4.4)	mtr	150.00	Rupees One Hundred Fifty Only
52	30.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stone pipe / on wall/ on pole as required 6 sqmm to 16 sqmm. (Ele SR OF 2019-20 P-No 41 I/No-6.5.1)	mtr	11.88	Rupees Eleven and Eighty Eight Paise Only
53	30.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete cutting road surfaces(P.No - 41, I.No - 6.6.3, KPWD Electrical SR 19-20)	mtr	82.00	Rupees Eighty Two Only
54	4.00	Supplying and fixing of class A GI pipe on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm (P.No - 41, I.No -6.9.1, KPWD Electrical SR 19-20)	No	335.00	Rupees Three Hundred Thirty Five Only
55	1.00	Earthing : Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia (PWD SR 2023-24 Vol-V Page No.157, Item No.13.39)	No	3750.00	Rupees Three Thousand Seven Hundred Fifty Only
56	1.00	Supply and delivery of Centrifugal pumpset at site brand new best make and with discharge duty confirming to ISI standards and its latest amendments. 2 HP, Size 65x50 Head 13M, Discharge 462 LPM(PWD SR 2023-24 Vol-V Page No.157, Item No. 13.40.1)	Each	15610.00	Rupees Fifteen Thousand Six Hundred Ten Only
57	2.00	Providing & fixing upvc ventilator with Exhaust Turbo speed fan with 5 blades (300mm x 300 mm & above sized fan) with copper motor having mounting arrangements as per direction of Engineer in charge of work (PWD SR 2023-24 Vol -II Pg 221 item no 22.49)	No	1950.00	Rupees One Thousand Nine Hundred Fifty Only
58	60.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall(PWD SR 2023-24 Vol-II Page No.122, Item No. 13.31) 25 mm nominal dia Pipes (PWD SR 2023-24 Vol-II Page No.122, Item No. 13.31.3)	mtr	349.80	Rupees Three Hundred Forty Nine and Eighty Paise Only
59	27.00	32 mm nominal dia Pipes(PWD SR 2023-24 Vol-II Page No.122, Item No. 13.31.4)	mtr	440.00	Rupees Four Hundred Forty Only

Sl. No	Quantity.	Description	Unit	Rates	
				In Figures	In Words
60	2000.00	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank(PWD SR 2023-24 Vol-II Page No.123, Item No. 13.34)	L	9.90	Rupees Nine and Ninety Paise Only
61	2.00	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps (PWD SR 2023-24 Vol-II Page No.132, Item No. 14.7.1)	Each	3390.20	Rupees Three Thousand Three Hundred Ninety and Twenty Paise Only
62	2.00	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.(PWD SR 2023-24 Vol-II Page No.138, Item No. 14.44)	Each	12346.40	Rupees Twelve Thousand Three Hundred Forty Six and Forty Paise Only
63	5.00	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in Granite, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.(PWD SR 2023-24 Vol-II Page No.69, Item No. 10.4)	Each	650.10	Rupees Six Hundred Fifty and Ten Paise Only
64	36.00	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes 100 mm diameter (PWD SR 2023-24 Vol -II Pg 125 item no 13.48)	mtr	320.10	Rupees Three Hundred Twenty and Ten Paise Only

Executive Engineer
Byatarayanapura Division
Bruhat Bengaluru Mahanagara Palike

Note:

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

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